HITSP IS107 EHR-Centric Interoperability Specification (Data Agreement)

Identifying and Definitional Attributes

Item Name:	**HITSP IS107 EHR-Centric Interoperability Specification**
Abbreviation:	IS107
Alternative Name:	EHR Centric
Definition:	This Interoperability Specification consolidates all information exchanges and standards that involve an EHR System amongst the thirteen HITSP Interoperability Specifications in place as of the February 13, 2009 enactment of the American Recovery and Reinvestment Act (ARRA). This Interoperability Specification is organized as a set of HITSP Capabilities, with each Capability specifying a business service that an EHR system might address in one or more of the existing HITSP Interoperability Specifications (e.g., the Communicate Hospital Prescriptions Capability supports electronic prescribing for inpatient prescription orders). Greater detail on these Capabilities is provided as part this Interoperability Specification, with their underlying HITSP constructs referenced in the Complete Library on HITSP.org. (USHIK has provided a link to this site labeled HITSP Library on Left of main HITSP Portal Page) INTRODUCTION (2.1)This section summarizes the ARRA requirements that can be addressed by EHR systems. It then lists and describes the set of HITSP Capabilities that define business services that support information exchanges that involve an EHR system information exchanges that are specified in one or more of the thirteen HITSP Interoperability Specifications (IS) accepted or recognized as of the enactment date. Following is a mapping between the EHR system Capabilities and the ARRA requirements that they address. Finally this Section describes security and privacy functions as outlined in ARRA and how they are addressed and integrated within infrastructure Service Collaborations.
Context:	HITSP EHR-Centric Interoperability Specification HITSP/IS107
Registration Authority:	Health Information Technology Standards Panel
USHIK Data Element Concept ID:	HITSP.85319.v1
OID:	
URI:	
Effective Date:	2009-07-08
Until Date:	
Status:	Received
Type:	Data Element Concept

Comment:	LIST OF CAPABILITIES (as referenced in Section 2.2 are linked below via Master/Parent links) Find the specified HITSP Capabilities, their ID number, and a short description of each linked to this Functional Group/IS. A Capability specifies a business service (e.g., the HITSP Communicate Hospital Prescriptions Capability supports electronic prescribing for inpatient prescription orders). Each HITSP Capability is based on HITSP constructs (e.g., Transactions, Transactions Packages, and Components) and secure Infrastructure Service Collaborations. It is expected that further policy decisions may identify proper subsets of this overall specification for implementation e.g., for definition of Meaningful Use for 2011. It is the intention of this specification that each capability could be used as part or all of an independent subset and that definition of such a proper subset could identify additional constraints to be placed on the capability(s) included in the subset. Note that capabilities may be combined by an Interoperability Specification to address more inclusive requirements for example, support for the formal process of medication reconciliation can be addressed when HITSP/CAP118 Communicate Hospital Prescription is associated with HITSP/CAP 119 Communicate Structured Document (medications and allergies). In this IS, the capabilities are limited to those information exchanges that involve an EHR in one or more of the existing HITSP Interoperability Specifications (Table 5-1 in the Appendix portrays what ISs each Capability is derived from). The Design specifications for each Capability are provided in IS 107/Section 3.0.
Change Description:	
Administrative Note:	ARRA REQUIREMENTS (2.3)The American Recovery and Reinvestment Act (ARRA), notably in Title XIII (HITECH) Section 3000 Definitions (13) Qualified Electronic Health Record, Section 3002 Required Areas for Consideration; and Medicare and Medicaid Incentives defined in ARRA Title IV (Division B) Subtitle A and B have been identified as the source of specific HIT requirements. These ARRA requirements are described in varying degrees of granularity from high-level objectives to explicit HIT functionalities. In the interim since the announcement of this Act, there have been numerous discussions and presentations regarding this set of requirements in various flavors of aggregation in order to simplify the discussion and target the objectives of these requirements around some key priorities. In discussion with the Office of the National Coordinator for Health Information Technology (ONC), it was concluded that the most consistent set of objectives is grounded in the requirements identified in ARRA Section 3002(b)(2)(B)(i)-(viii). As a result, this HITSP EHR-Centric Interoperability Specification has established these requirements as the target to which the HITSP Capabilities are to be associated. The results of identifying which HITSP Capability addresses which ARRA requirement are shown in the Table 2-2 Map of Requirements to Capabilities. In addition to this identified set of requirements, a recent meeting by the ONC HIT Policy Committee has identified a high-level set of Health Outcomes Priorities that are associated with achieving meaningful use of an EHR. In the interest of harmonization of this latest discussion with this HITSP EHR-centric document, these high-level Priorities have also been included in Table 2-2 for informational purposes.

Administrative Attributes

Date of Submission:	2009-10-08
Submitting Organization:	Health Information Technology Standards Panel (HITSP)
Responsible Organization:	Health Information Technology Standards Panel (HITSP)

Contexts related to HITSP IS107 EHR-Centric Interoperability Specification (1)

Relationship	Item	USHIK ID
is referenced by	HITSP EHR-Centric Interoperability Specification HITSP/IS107	HITSP.85322.v1

Data Agreements related to HITSP IS107 EHR-Centric Interoperability Specification (33)

Relationship	Item	USHIK ID
is described by	HITSP CAP117 Communicate Ambulatory and Long Term Care Prescription 0.0.1 draft	HITSP.85320.v1
is described by	HITSP CAP118 Communicate Hospital Prescription 0.0.1 Draft	HITSP.85321.v1
references	HITSP CAP119 Communicate Structured Document v 0.0.1 Draft	HITSP.85358.v1
is described by	HITSP CAP120 Communicate Unstructured Document	HITSP.85325.v1
is described by	HITSP CAP120 Communicate Unstructured Document V1.0 January 25, 2010	HITSP.85325.v2
is described by	HITSP CAP121 Communicate Clinical Referral Request	HITSP.85326.v1
is described by	HITSP CAP122 Retrieve Medical Knowledge 0.0.1 Draft	HITSP.85327.v1
is described by	HITSP CAP123 Retrieve Existing Data 0.0,1 Draft	HITSP.85328.v1
is described by	HITSP CAP124 Establish Secure Web Access	HITSP.85329.v1
is described by	HITSP CAP125 Retrieve Genomic Decision Support	HITSP.85330.v1
is described by	HITSP CAP126 Communicate Lab Results Message	HITSP.85331.v1
is described by	HITSP CAP127 Communicate Lab Results Document	HITSP.85332.v1
is described by	HITSP CAP128 Communicate Imaging Information	HITSP.85333.v1
is described by	HITSP CAP129 Communicate Quality Measure Data 0.0.1 Draft	HITSP.85334.v1
is described by	HITSP CAP130 Communicate Quality Measure Specification	HITSP.85335.v1
is described by	HITSP CAP131 Update Immunization Registry	HITSP.85336.v1
is described by	HITSP CAP132 Retrieve Immunization Registry Information	HITSP.85337.v1
is described by	HITSP CAP133 Communicate Immunization Summary	HITSP.85338.v1
is described by	HITSP CAP135 Retrieve and Populate Form 0.0.1 Draft	HITSP.85339.v1
is described by	HITSP CAP136 Communicate Emergency Alert	HITSP.85340.v1
is described by	HITSP CAP137 Communicate Encounter Information Message	HITSP.85341.v1
is further defined by	HITSP CAP138 Retrieve Pseudonym 0.0.1 Draft	HITSP.85342.v1
is described by	HITSP CAP139 Communicate Resource Utilization	HITSP.85343.v1
is described by	HITSP CAP140 Communicate Benefits and Eligibility	HITSP.85344.v1
is described by	HITSP CAP141 Communicate Referral Authorization	HITSP.85345.v1
is further defined by	HITSP CAP142 Retrieve Communications Recipient	HITSP.85346.v1
is described by	HITSP CAP143 Manage Consumer Preference and Consents	HITSP.85347.v1
utilizes	HITSP SC110 Patient Identification Management	HITSP.85350.v1
is described by	HITSP SC111 Knowledge and Vocabulary	HITSP.85351.v1
is further defined by	HITSP SC113 Query for Existing Data	HITSP.85354.v1
is described by	HITSP SC114 Administrative Transport to Health Plan	HITSP.85355.v1
is described by	HITSP SC115 HL7 Messaging	HITSP.85356.v1
is described by	HITSP SC116 Emergency Message Distribution	HITSP.85357.v1

Model Views related to HITSP IS107 EHR-Centric Interoperability Specification (1)

Relationship	Item	USHIK ID
is described by	Functional Requirement: Communicate Structured Document HITSP/CAP119	HITSP.85323.v1